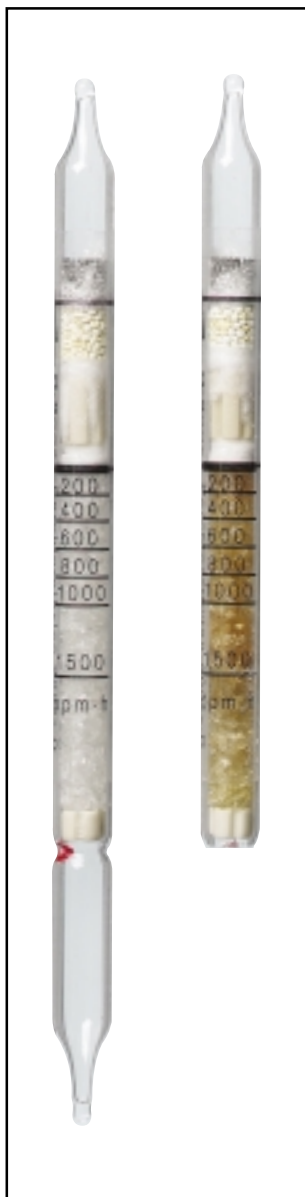


# Perchloroethylene 200/a-D

Order No.  
81 01401



## Standard Range

200	to	1,500	ppm
100	to	750	ppm
50	to	380	ppm
25	to	200	ppm

## Measurement Time

1 h
2 h
4 h
8 h

<b>Standard Deviation</b>	: ± 20 to 25 %
<b>Colour Change</b>	: white → yellow orange

## Ambient Operating Conditions

<b>Temperature</b>	: 0 to 35 °C
<b>Absolute Humidity</b>	: 5 to 12 mg H <sub>2</sub> O / L

## Reaction Principle

- $\text{Cl}_2\text{C}=\text{CCl}_2 + \text{Cr}^{\text{VI}} \rightarrow \text{Cl}_2$
- $\text{Cl}_2 + \text{o-Tolidine} \rightarrow \text{yellow orange reaction product}$

## Cross Sensitivity

Other chlorinated hydrocarbons are also indicated, but with different sensitivities.

Trichloroethylene and 1,1,1-trichloroethane are indicated with about the same sensitivity.

Chlorine (above 10 ppm x h) and nitrogen dioxide (above 10 ppm x h) will discolour the indicating layer.

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